

# YEAR 11 MOCK EXAMS

This week we saw the start of the mock exams window for our Year 11 students. These exams are designed to help teachers identify appropriate intervention for each student to ensure that they continue to progress as we move closer to their GCSE examinations.

All of our students have worked hard in the run up to the exams, revising and listening to the advice of their teachers- we are sure that this hard work will pay off. Exam revision sessions are running before and after school, and it is heartening to see the large number of students buying in to this extra support. We also want to take this opportunity to thank staff for running these extra sessions!

We are incredibly proud of how the students have conducted themselves in the exam hall- they have behaved impeccably and have been a credit to themselves.

Keep up the effort, Year 11- you have been amazing this week!



# SIXTH FORM

This week Year 13 have returned after the half-term focused and preparing for their mock exams in a couple of weeks..

During tutor time, students cover a range of skills and topics as part of their PSHE programme (Personal, Social and Health Education). This week's activities have included: revision skills; a debate on the pros and cons of National Service; developing UCAS personal statements or researching apprenticeships. We also launched workshops based on a Gender, Power and Masculinity Conference with students attending short workshops or lectures on areas such as: The Dynamics of Power; Embracing Feminist Leadership; Gender, Pronouns, Andrew Tate and the freedom of speech; Life on Death Row and What do Boys really think about Consent?. These will run again weekly across the half-term, to enable students to attend a range of workshops. Students in Year 12 and Year 13 are each receiving careers interviews – they can ask Miss Robb or Mrs Veide if they would like careers guidance before Christmas.

# LIBRARY NEWS

## 100% Club - Accelerated Reader

Huge congratulations to all Year 7 students who have achieved 85% or higher in an Accelerated Reader quiz this week! Special mentions go to Grace W, George T, Joseph H and Aiden R (pictured) as well as Sophie M and Matthew M who achieved 100% in a quiz on a book within their reading range.

Year 7 - don't forget that you have all been challenged to read and quiz on at least one book over the next couple of weeks. Students who achieve 100% in a quiz on a book within their reading range will be entered into a prize draw with a chance to win a £5 Amazon voucher and a book vending machine token! Deadline for quiz completion is 3pm on Friday 24th November. In addition, each quiz taken is taken into account for the class quiz average competition which is running until the end of this half term! Good luck!



## Quiz average leader board

1	7S1	92%
2	7S4	86%
3	7S2	84%
4	7E1	82%
5	7E4	80%

(up to Thursday 9<sup>th</sup> November)

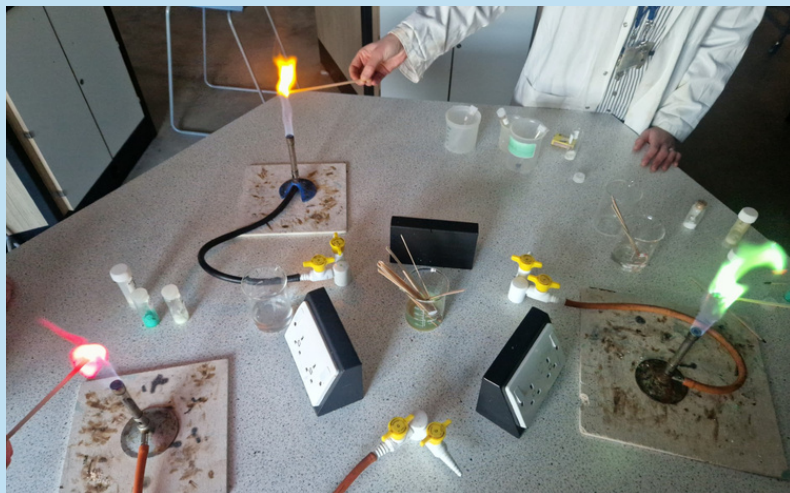


# STEM NEWS

In STEM club we dived into the science behind fireworks by carrying out some flame tests looking at different colours produced by various metal ions. i.e. lithium (red), sodium (yellow orange) and copper (green/blue). We also used iron filings to turn our wooden splints into miniature sparklers.

Students embraced the history of Guy Faukes and gun powder through a 'canon fire' demonstration, increasing the burning rate of ethanol in the presence of a catalyst to produce a series of harmless loud noises.

We topped off the session with a 'witchcraft' themed activity, using the process of Alchemy to coat regular copper coins with 'fools gold' (brass alloy). You can really see the change in the pictures below!



On Wednesday 1st November, seven students across year groups 7,8 & 10 attended the Celebrate Science Event in Durham to join Durham University Science Ambassador Team. Throughout the afternoon students demonstrated some excellent communication skills to engage public visitors of all ages with a range of interactive science activities and demonstrations. Students were fantastic ambassadors for Consett Academy and the positive comments below we have received from one of the public visitors speak volumes. Well done, everyone!



# SUBJECT SPOTLIGHT

## MATHS DEPARTMENT



Here is the weekly newsletter for Maths- in this edition we will update you on all things Maths related and give you a glimpse into the world of Maths at Consett Academy.

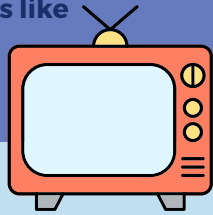
### IN THE NEWS

Mathematician creates mass extinction model regarding climate change and adaptation



### WHAT TO WATCH

The History of Mathematics documentary This remarkable film takes viewers on a captivating journey through time to uncover the evolution of math in various civilizations. Starting with ancient Egypt and Mesopotamia, this documentary showcases how their mathematical discoveries impacted other regions like Greece, China, India and the Middle East.



GCSE pod to help with learning in KS3

### WHAT ARE WE CURRENTLY LEARNING?

Year 7	Fractions
Year 8	2D shapes
Year 9	Pythagoras/Trigonometry
Year 10	Area and perimeter/ Box plots
Year 11	Year 11 Revision for mock exams
Year 12	Sine and cosine rule
Year 13	The normal distribution



### CAREER

Astronomers are scientists who study the origin of the universe and its objects and how it works. As an astronomer, you can work in observational astronomy, using telescopes and cameras to look at the stars, galaxies and other astronomical objects, or in theoretical astronomy, where you'll use maths and computer models to explain observations and predictions.

### A LEVEL PICK

AMSP run enrichment events and produce materials to encourage you to study maths beyond GCSE. They also offer support for students preparing for university maths admissions tests.

# Year Team News

## ClassCharts Champions!

Well done to the following students for their amazing attitude towards their learning this week.

Year 7	Emily R 279	Isabelle F 262	Will S 258
Year 8	Hope H 416	Phoebe M 406	Amy R 398
Year 9	Mia A 449	Keira W 436	Hendrix L 395
Year 10	Natalia T 440	Raigan D 436	Abbie B 393
Year 11	Rachel T 284	Izzy H 271	Leah R 270

Year	Tutor Group	Attendance
7	7.10	98%
8	8.6	98%
9	9.7	96%
10	10.12	97%
11	11.5	100%

# Year 7

Ellie has shown fantastic determination in maths this half term. Due to her hard work and commitment, her confidence has grown massively. Ellie is keen to answer in class, is not afraid to ask for help and she does her best in every lesson. We are so proud of you, Ellie!

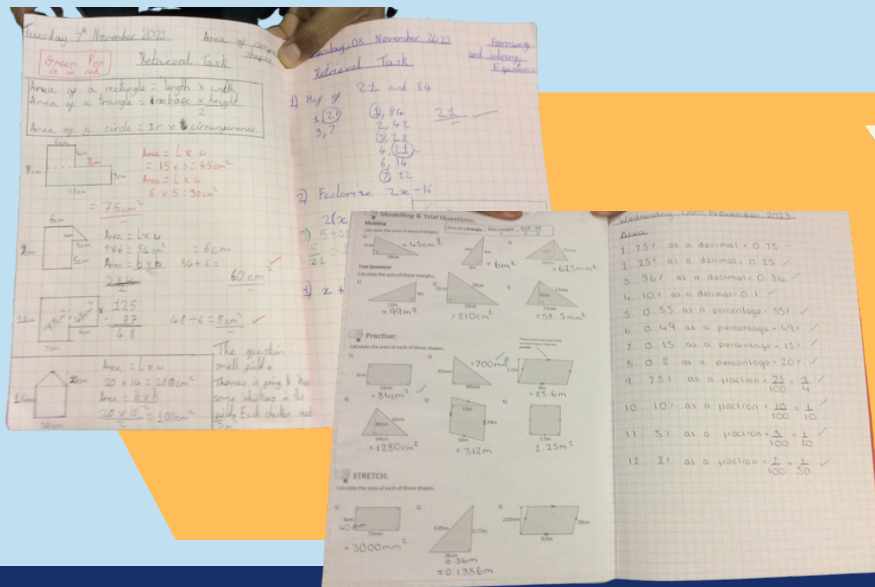


# Year 8

James and Jayden are consistently smashing out amazing work in maths. Keep up the fantastic work boys!

# Year 9

Our Year 9 students have demonstrated how kind and supportive they can be. Imogen O, Jack M and Lexi R used their initiative to support the beginning of a lesson in maths by collecting books, giving books out and helping out with technology.



# Year 10

This week we have seen some outstanding work in Maths by Hannah D, Lauren H, McCoist M, Rosie M, Ruby N and Summer T, we are very proud of the effort our students are making.

# Year 11

Leon D has worked really well recently. He came in at half term to update his coursework and has been doing really well in his core lessons. A superb start to the half term. Keep up the good work and keep the momentum going. Well done

# YEAR 11 MOCK EXAMS



Monday 13th Nov

9am - Biology


1pm - Psychology 1



Tuesday 14th Nov

9am - Maths 3

1pm - Computer  
Science



Wednesday 15th Nov

9am - Physics

1pm - History -  
Elizabeth and  
American West



Thursday 16th Nov

9am - Philosophy 2

11.25 - Geography 2

- 1pm -  
Hospitality
- NCFE Food
- Spanish Reading
- French Reading



Friday 17th Nov

9am - Psychology 2

11.25 -

- Spanish Listening
- French Listening

1pm - Computer  
Science

# Heads of Year & Year Managers

## Year 7

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## Year 11

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## Sixth Form

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## SEND

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